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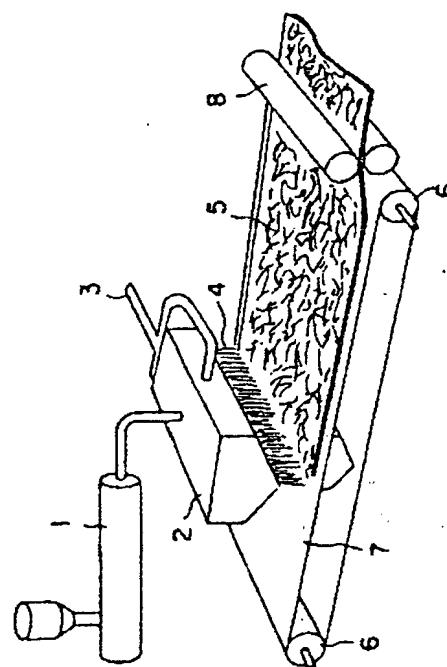
APPLICATION DATE : 27-07-89
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APPLICANT : ASAHI CHEM IND CO LTD;

INVENTOR : SHIMA TSUKASA;

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TITLE : ULTRAFINE FIBER WEB OF
POLYESTER



ABSTRACT : PURPOSE: To obtain the title web suitable as ground fabric napped artificial leather having specific average fiber diameter and specific intrinsic viscosity, tenacity, excellent dyeability, flexibility and a little occurrence of polymer pilling, comprising a polyester polymer by melt blowing method.

CONSTITUTION: A polyester polymer (preferably polyethylene terephthalate) is melted by an extruder 1, extruded from a spinning orifice of a die 2 while blowing a high-temperature air flow upon the as-spun fibers to give the aimed web 5 having $0.8-5.0\mu\text{m}$ average fiber diameter, $0.45-0.80$, preferably $0.50-0.70$ intrinsic viscosity and preferably $3.0-6.0\text{Y}$ value. When intrinsic viscosity of ultrafine fiber \geq intrinsic viscosity of polyester-0.2 is satisfied, web having excellent weight distribution in the width direction is obtained.

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